

SD 2013/2014 Influenza Weekly Summary

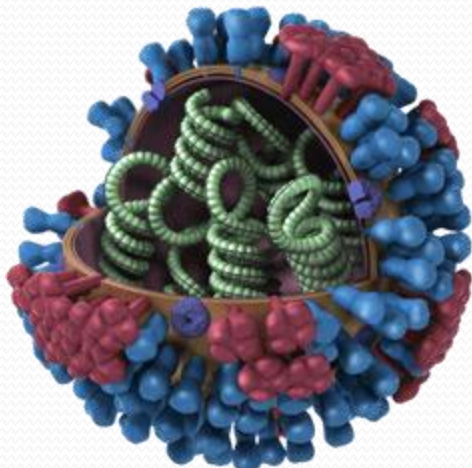
Week Ending 21 December (Week 51)



Lab Confirmed Cases	15-21 Dec	Season to Date
Type A, H1	1	22
Type A, H3	0	0
Type A, Unspecified	26	44
Type B	0	2
Total	27	68

Rapid Antigen Tests (45 sites reporting)	15-21 Dec	Season to Date
Total Tested	713	4486
Total Positive	136 (132A/4B)	267 (255A/12B)
% Rapid Antigen Tests Positive	19.1%	5.9%

	15-21 Dec	Season to Date
Hospitalizations	7	14
Deaths	1	2



3D Influenza Virus

SD Influenza Geographic Spread: **Local**

SD Influenza Severity : **Minimal**

US Influenza Activity:

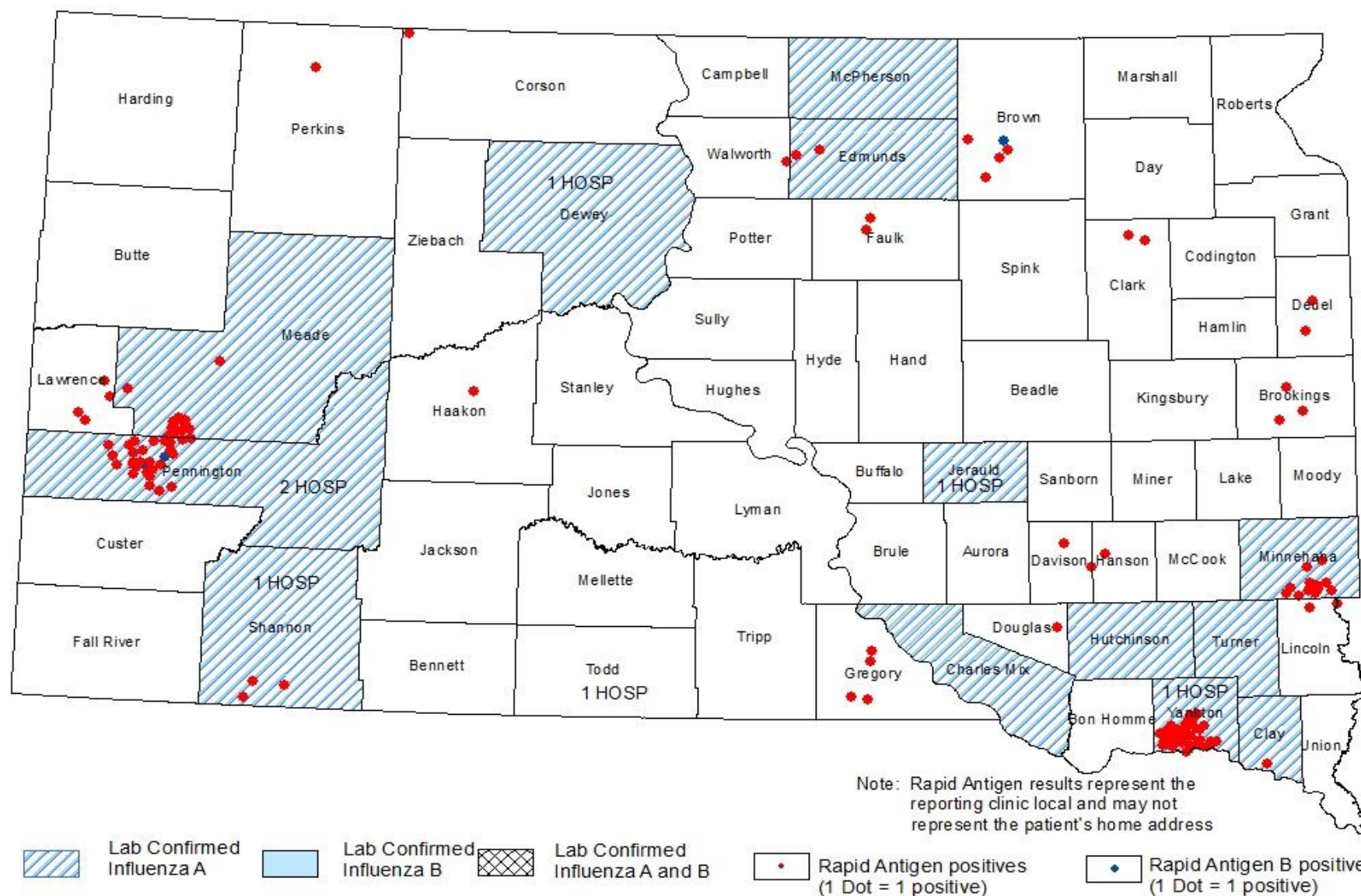
<http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>

International Flu Activity: <http://www.cdc.gov/flu/weekly/intsurv.htm>

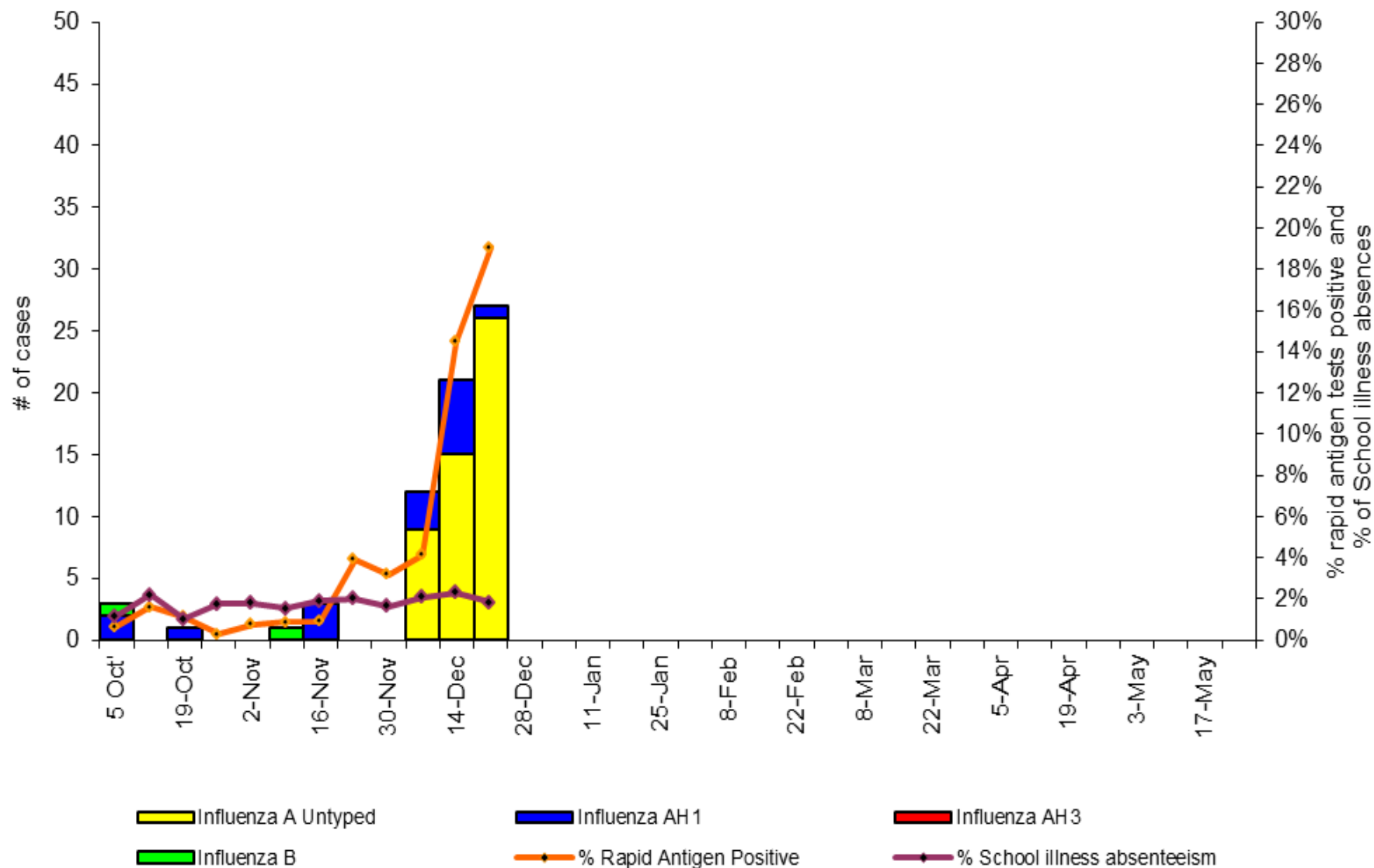
South Dakota Influenza information: <http://doh.sd.gov/Flu/>

SD 2013/14 Influenza Weekly Summary

Week Ending 21 December 2013 (Provisional Data)



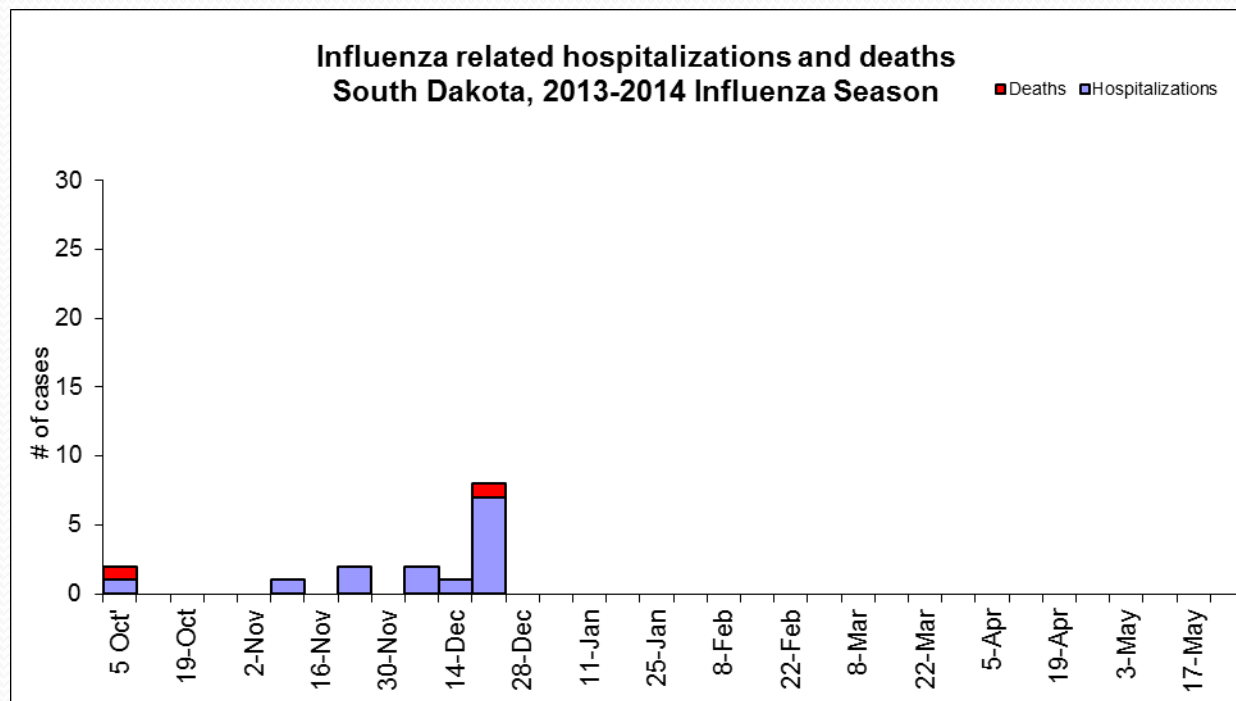
**2013-2014 Influenza Season Lab Confirmed Influenza cases*,
% Rapid Antigen Positive, & % School Absenteeism SD**
* Confirmed by Culture, PCR, or DFA



Age distribution of influenza-associated deaths and hospitalizations, and confirmed* cases, South Dakota (cumulative to-date for 2011-2012 season).

Age Group	Deaths (%)	Hospitalized (%)	Confirmed* cases (%)
0-4 yrs	0	2 (14%)	14 (21%)
5-19 yrs	0	1 (7%)	15 (22%)
19-49 yrs	0	5 (36%)	23 (34%)
50-64 yrs	1 (50%)	2 (14%)	7 (10%)
>64 yrs	1 (50%)	4 (29%)	9 (13%)
TOTAL	2	14	68

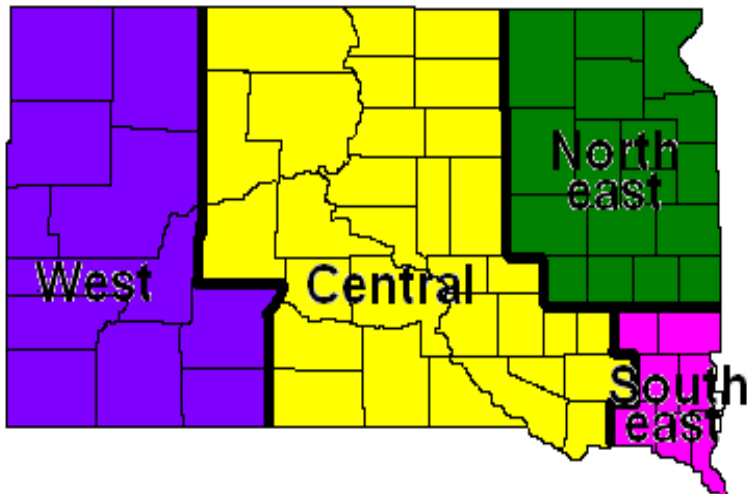
* Confirmed by PCR, culture or DFA



SD K-12 School Absenteeism due to illness

	All	W	C	NE	SE
# Schools Reporting	171	15	38	29	89
% Absent due to illness	1.8%	2.0%	1.3%	1.6%	2.2%

7 schools had >5% students absent (range 0 - 10% absent).



COVER MOUTH AND NOSE



CLEAN HANDS

Cover Coughs and Sneezes. Clean Hands.

Be a germ stopper at school — and home. Cover your mouth and nose when you cough or sneeze. Use a tissue and throw it away.

Clean your hands a lot

- After you sneeze or cough
- After using the bathroom
- Before you eat
- Before you touch your eyes, mouth or nose

Washing hands with soap and water is best. Wash long enough to sing the "Happy Birthday" song twice. Or, use gels or wipes with alcohol in them. This alcohol kills germs!

Stop germs. And stop colds and flu.

www.cdc.gov/germstopper



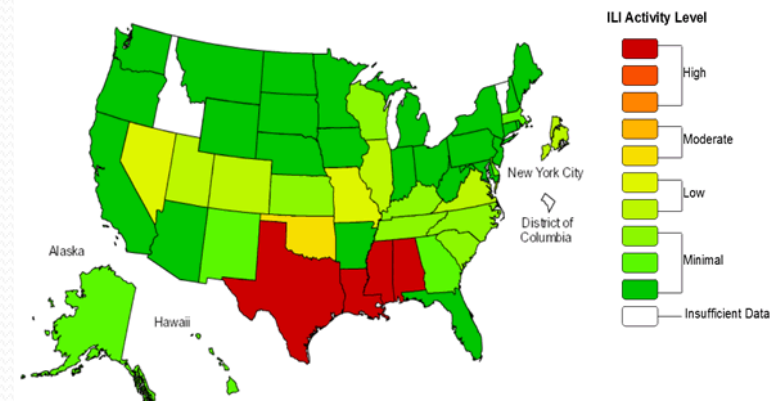
ILInet Surveillance

- ILInet is an outpatient visit surveillance system where providers report total number of patient visits and the number of patients that have Influenza Like Illness (ILI). ILI, fever $\geq 100^{\circ}$ F PLUS cough and/or sore throat). Regional baseline 1.3%
- SD ILInet providers: Aberdeen (1); Beresford (1); Brandon (1); Brookings (1); Canton (1); Chamberlain (1); Eagle Butte (1); Elk Point (1); Ipswich (1); Mitchell (3); Pierre (1); Redfield (1); Sioux Falls (8); Vermillion (1); Watertown (1); and Winner (1)
- We need partners West River
- If you are a provider and your clinic is interested in becoming an ILInet provider please contact Vickie Horan @ 605-773-3737

SD ILI Data for past 5 Weeks

WK	0-4	5-24	25-49	50-64	>64	Tot ILI	Tot PTS	% ILI
11/23	15	22	10	5	1	53	6010	0.88%
11/30	18	24	16	2	0	60	4338	1.38%
12/7	19	32	6	2	2	61	4971	1.22%
12/14	11	34	10	4	0	59	4640	1.27%
12/21	11	21	8	2	0	42	3078	1.36%

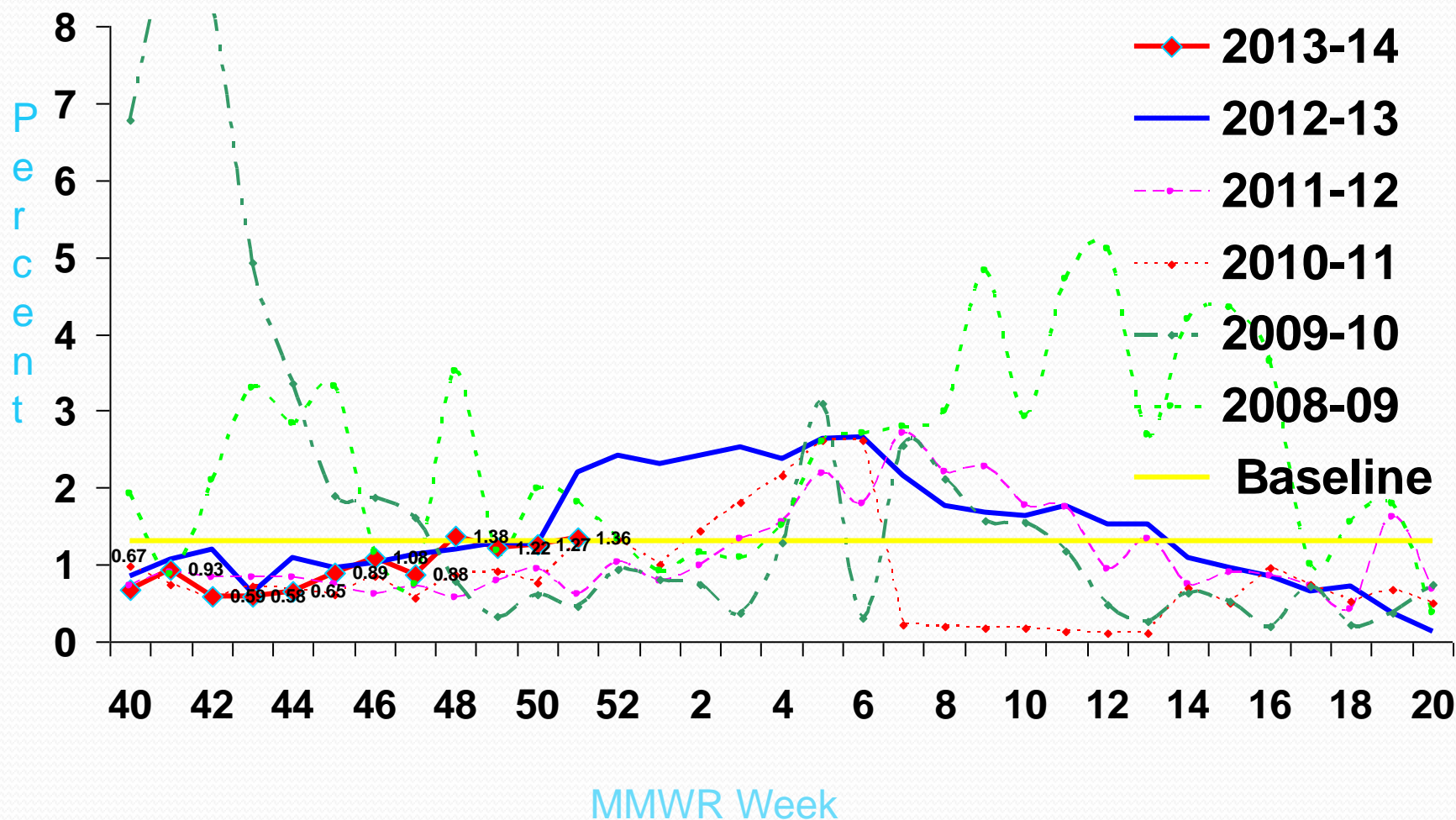
Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILInet
2013-14 Influenza Season Week 50 ending Dec 14, 2013



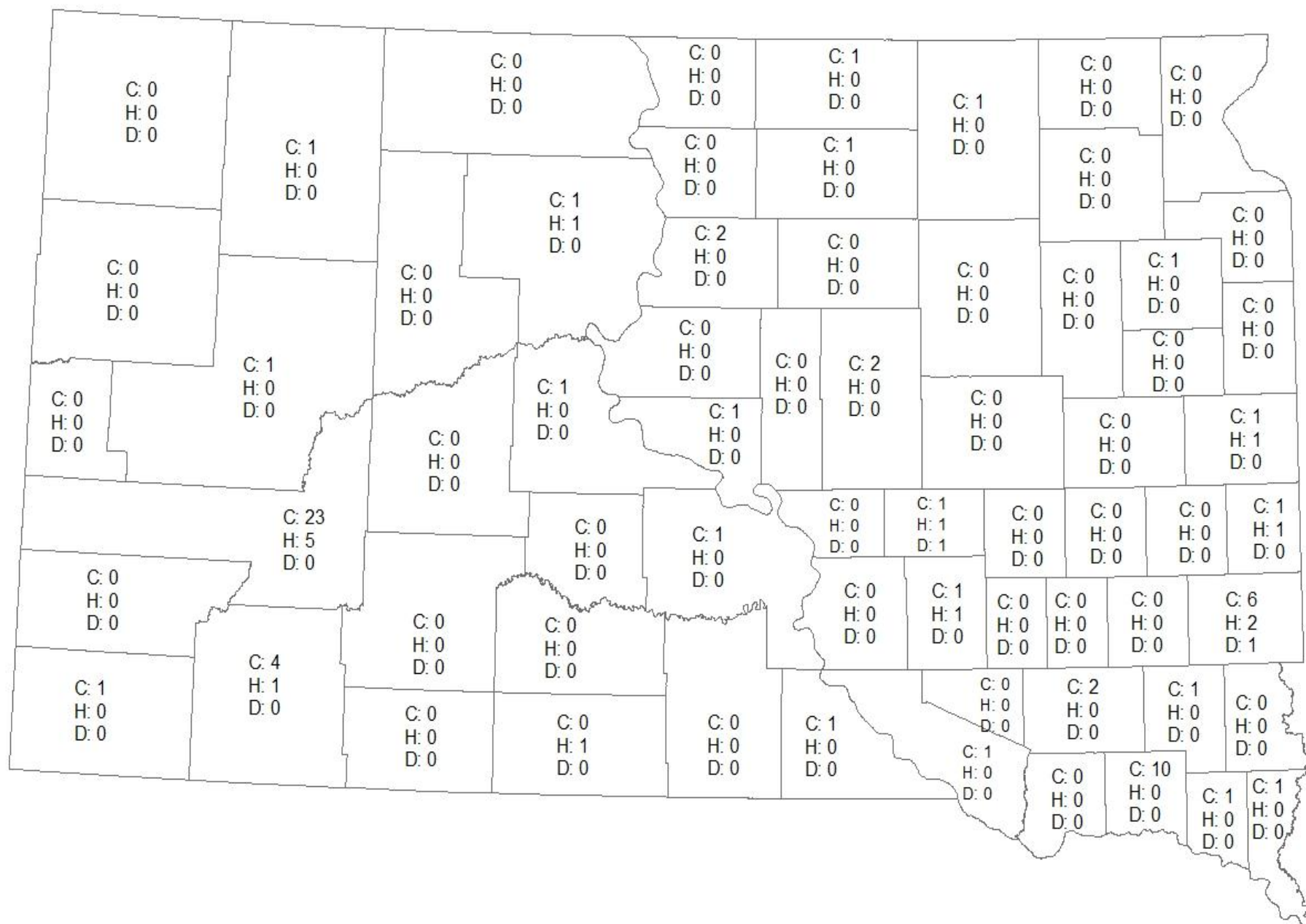
South Dakota ILINet Weekly Surveillance % 2008-2013

1.36% for MMWR Week 51

Region 8 Baseline = 1.3%

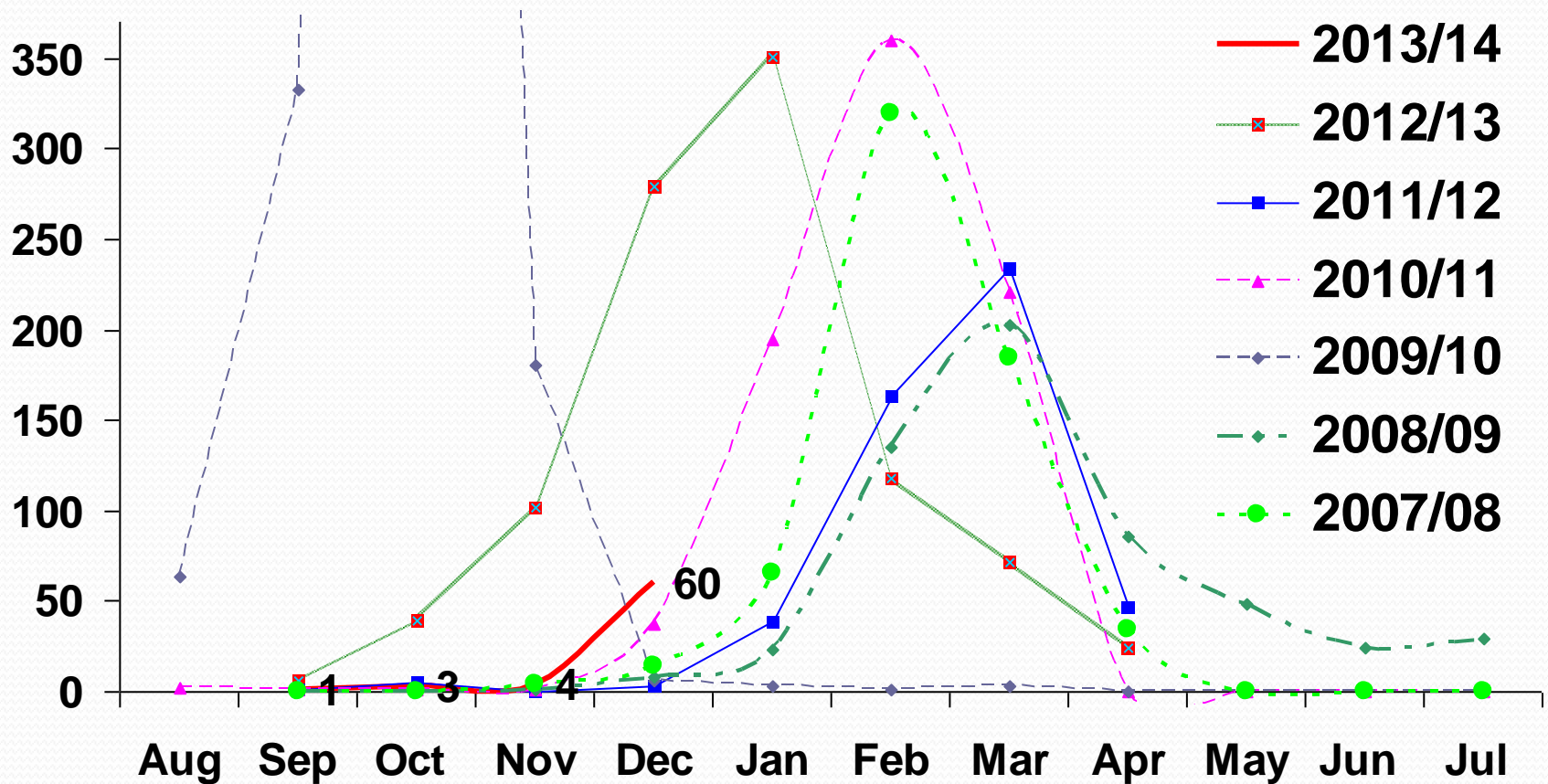


2013-2014 Influenza Season Cumulative number of Confirmed Cases, Hospitalizations, and Deaths (Provisional)



SD Influenza Confirmed Cases, 2006-2014

Note: 2013-14 data are provisional as of 27 December 2013



A New Ounce of Prevention for You & Your Family

www.flunearyou.org

Flu Near You is a free, real-time disease tracking system that engages you, your family and your friends directly in flu prevention and gives you the knowledge to help everyone stay healthy. Flu Near You uses anonymous reporting to help promote flu prevention in your community and head off the spread of disease among your friends and loved ones.



How it Works

Becoming a flu fighter is simple, fast and confidential. Anyone 13 or older can go to www.flunearyou.org to sign-up.

You will get a weekly email with two questions: *Do you have any of the following 10 symptoms?* and *Have you had a flu shot?*

Flu Near You uses these reports to create a real-time map and graphs that show you the spread of flu across the country, right down to the zip code level.

The website has a lot of useful information including links to public health websites, information about the number of reports in your state, and places to get vaccinated.

This is just the first step in building a reporting system that can eventually extend beyond influenza to other communicable diseases in the U.S. and across the world.

It's an exciting prospect. But the big benefits only happen if we're all willing to join in.

Help spread the word, not the flu! www.flunearyou.org